



## Rabbit Anti-LINGO4 antibody

SL11873R

<b>Product Name:</b>	LINGO4
<b>Chinese Name:</b>	富含亮氨酸重复序列Nogo受体反应蛋白4抗体
<b>Alias:</b>	Leucine rich repeat and Ig domain containing 4; Leucine rich repeat and immunoglobulin like domain containing nogo receptor interacting protein 4; Leucine rich repeat neuronal protein 6D; LRRN6D; LIGO4 HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	61kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human LINGO4:331-450/593<Extracellular>
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	Lingo-4 is a 593 amino acid single-pass type I membrane protein that contains eleven LRR (leucine-rich) repeats, one Ig-like C2-type (immunoglobulin-like) domain, one LRRCT domain and one LRRNT domain. The gene that encodes Lingo-4 consists of approximately 5,891 bases and maps to human chromosome 1q21.3. Comprising nearly

8% of the human genome, chromosome 1 spans 260 million base pairs, contains over 3,000 genes and houses a large number of disease-associated genes, including those that are involved in familial adenomatous polyposis, Stickler syndrome, Parkinson's disease, Gaucher disease, schizophrenia and Usher syndrome.

**Function:**

The exact function of LINGO4 remains unknown.

**Subcellular Location:**

Membrane; Single pass type I membrane protein

**Similarity:**

Contains 1 Ig-like C2-type (immunoglobulin-like) domain.

Contains 11 LRR (leucine-rich) repeats.

Contains 1 LRRCT domain.

Contains 1 LRRNT domain.

**SWISS:**

Q6UY18

**Gene ID:**

339398

**Database links:**

[Entrez Gene: 339398](#)Human

[Entrez Gene: 320747](#)Mouse

[Entrez Gene: 499668](#)Rat

[Omim: 609794](#)Human

[SwissProt: Q6UY18](#)Human

[SwissProt: Q149C3](#)Mouse

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.